



FEMA



Prepared by:
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Thursday, April 19, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Thursday

- **Critical/extreme fire weather conditions across W NM**
- **Elevated/critical fire weather conditions across E NM/W TX/OK Panhandle**
- **Marginal risk area for strong/severe thunderstorms across S NM/W TX**

Friday

- **Marginal risk area for strong/severe thunderstorms across SE NM into W TX**
- **Critical fire weather conditions across NM/W TX**

Saturday

- **Marginal risk area for strong/severe thunderstorms across SE TX/S LA**
- **Elevated fire weather conditions across SE NM/W TX**

Sunday - Monday

- **No significant weather impacts expected**

River Flood Status

- **River points across LA/E AR remain in minor flood stage this week**

FEMA Region 6 Threat Matrix

April 19, 2018 – April 23, 2018



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	S NM/W TX	SE NM/W TX	SE TX/S LA		
Heavy Rain / Flash Flooding					
Fire Weather	W NM	SE NM W TX			
Winter Weather					
River Flooding	LA/E AR				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

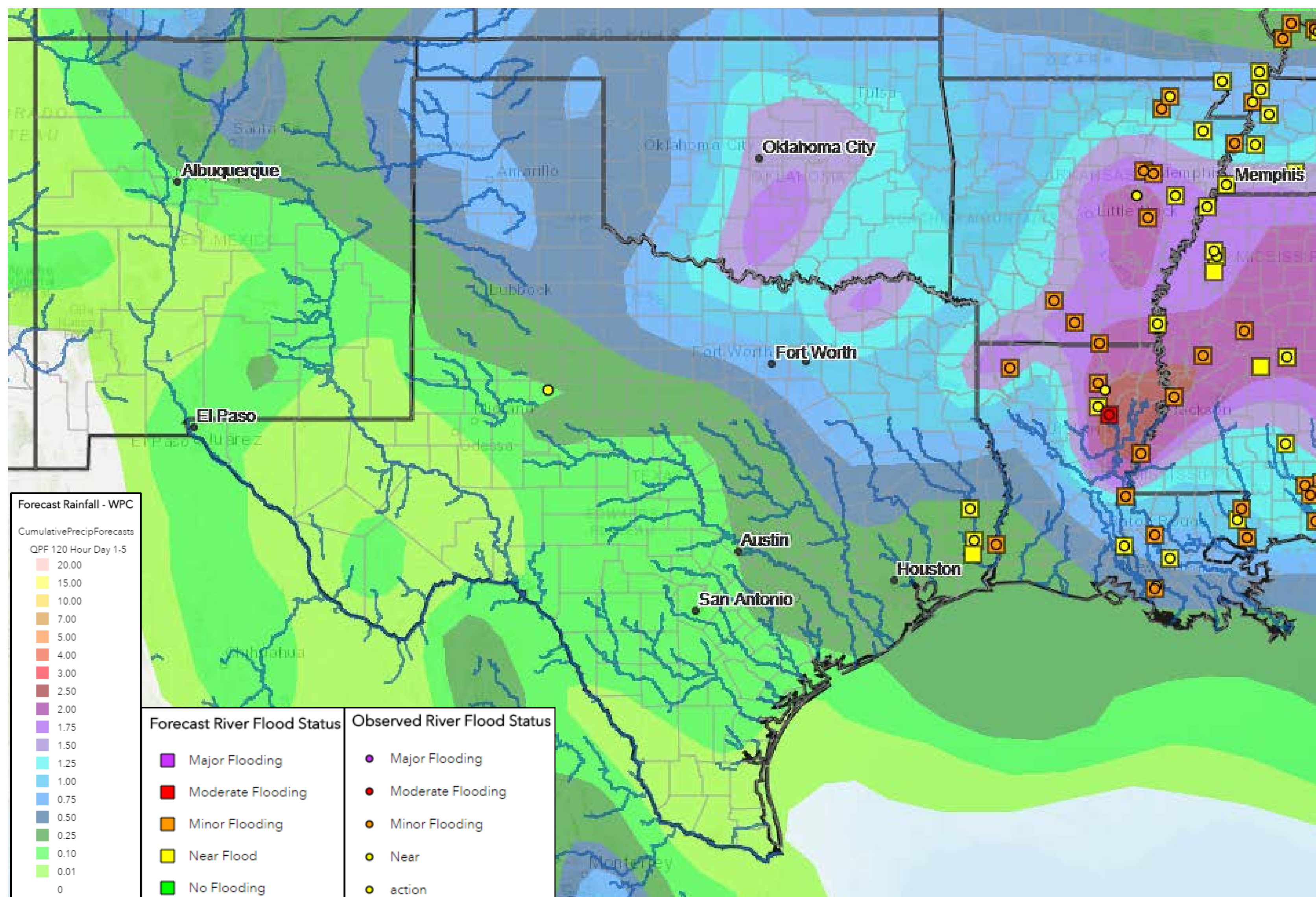
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

**River points across LA/E AR
remain in minor flood stage this
week.**

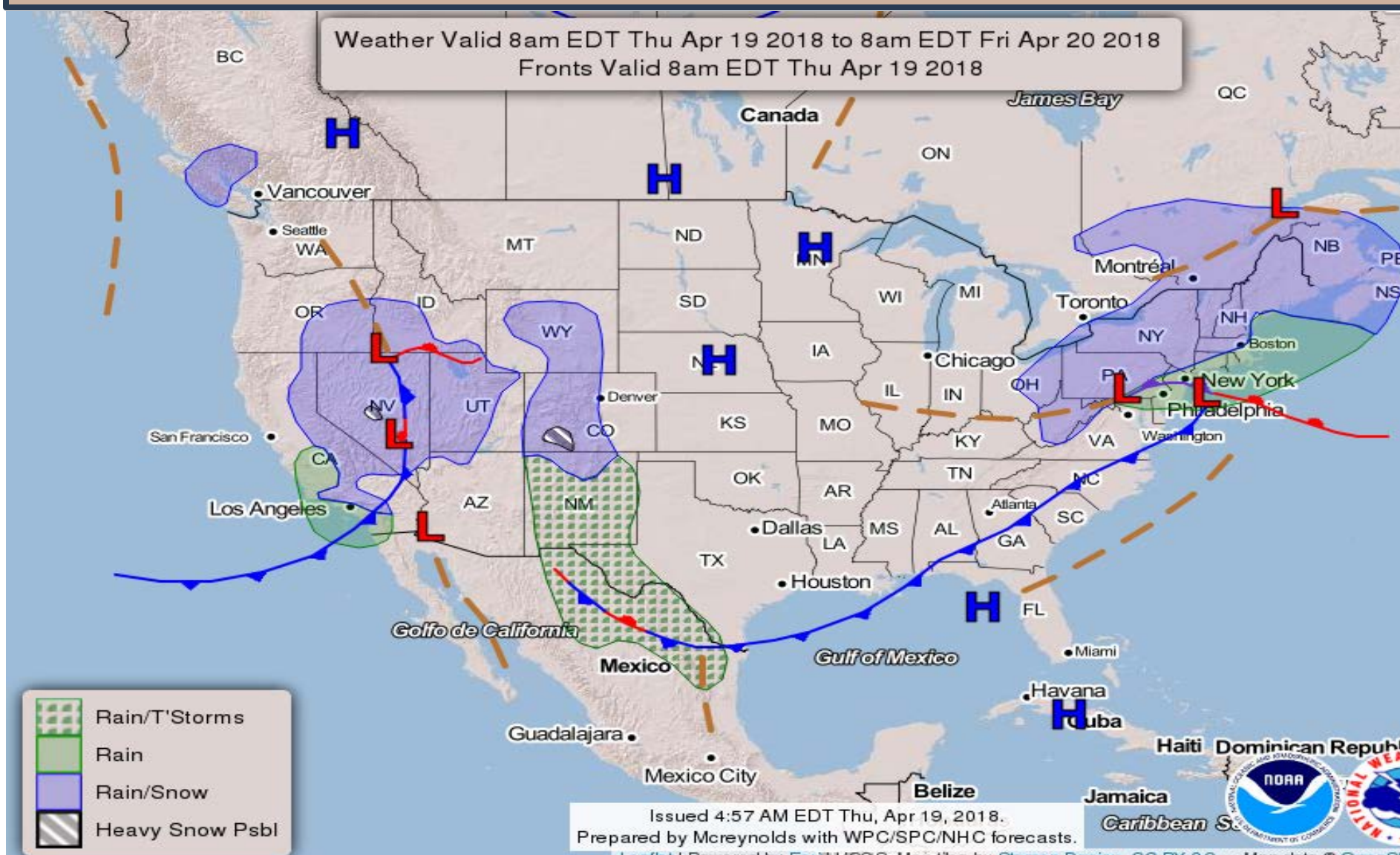


Today's Weather

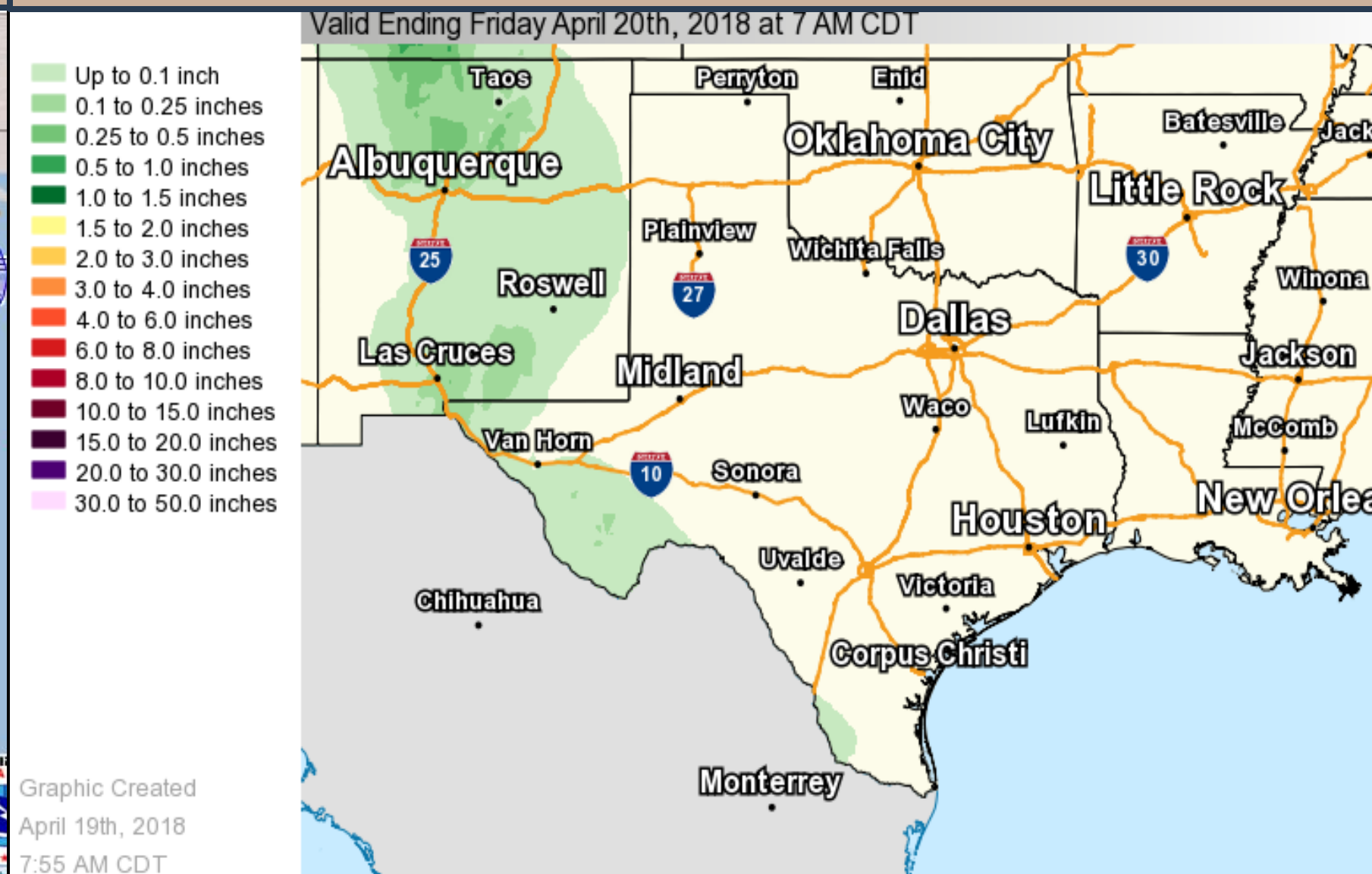


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Forecast Chart



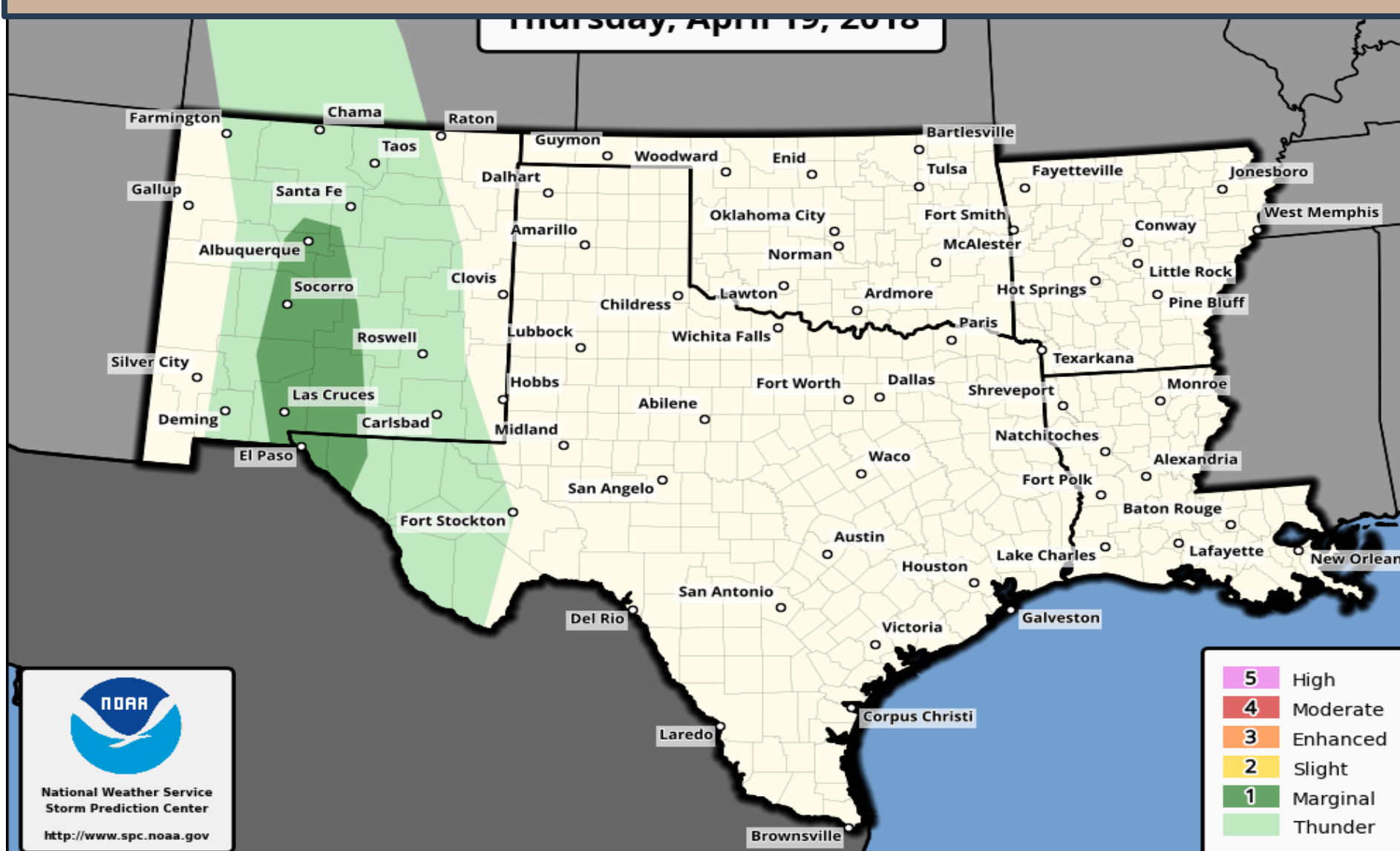
Forecast Rainfall



Marginal risk area for strong/severe thunderstorms across S NM/W TX

Critical/extreme fire weather conditions across W NM

Severe Weather Outlook



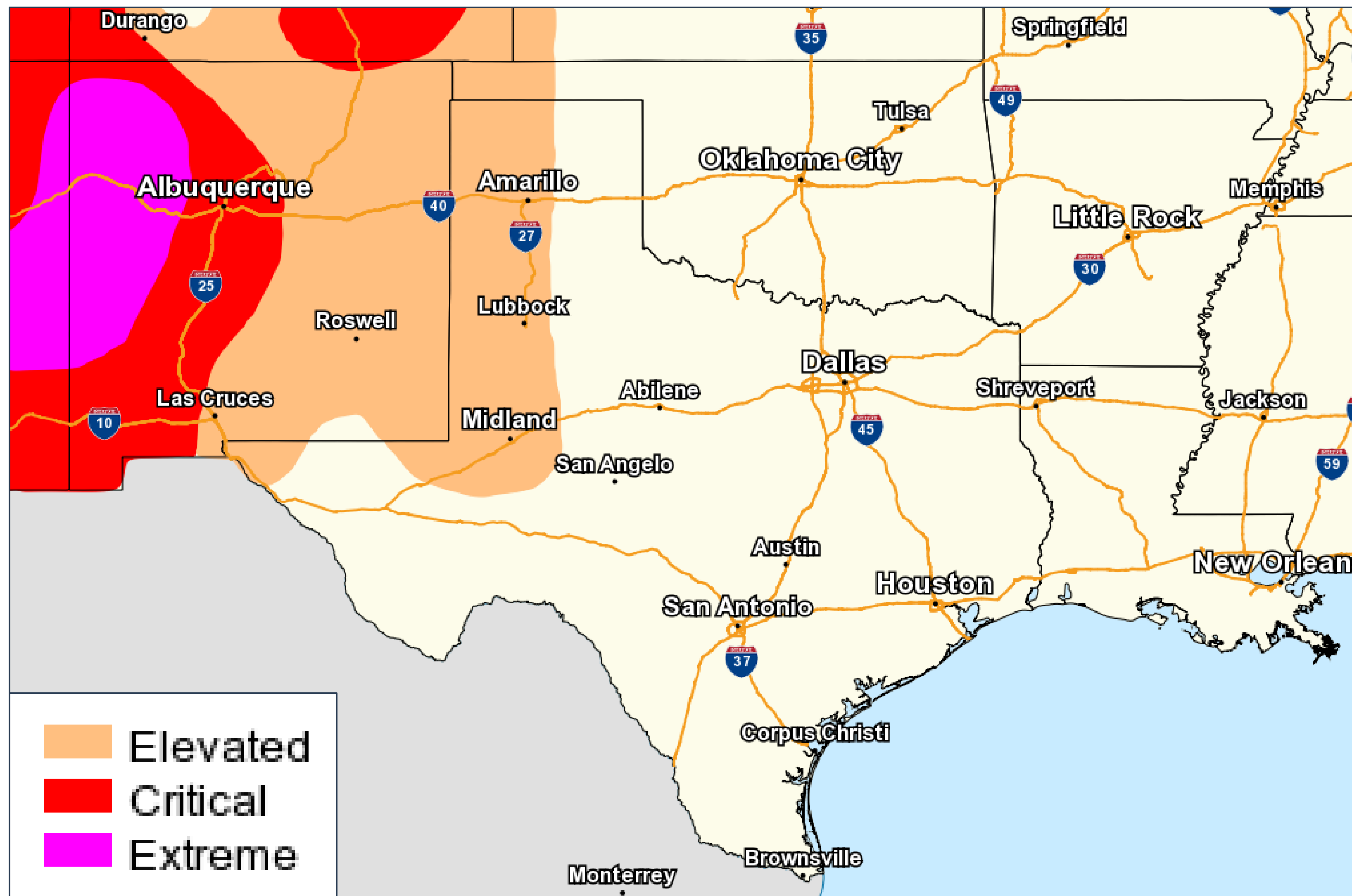
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Critical/extreme fire weather conditions across W NM

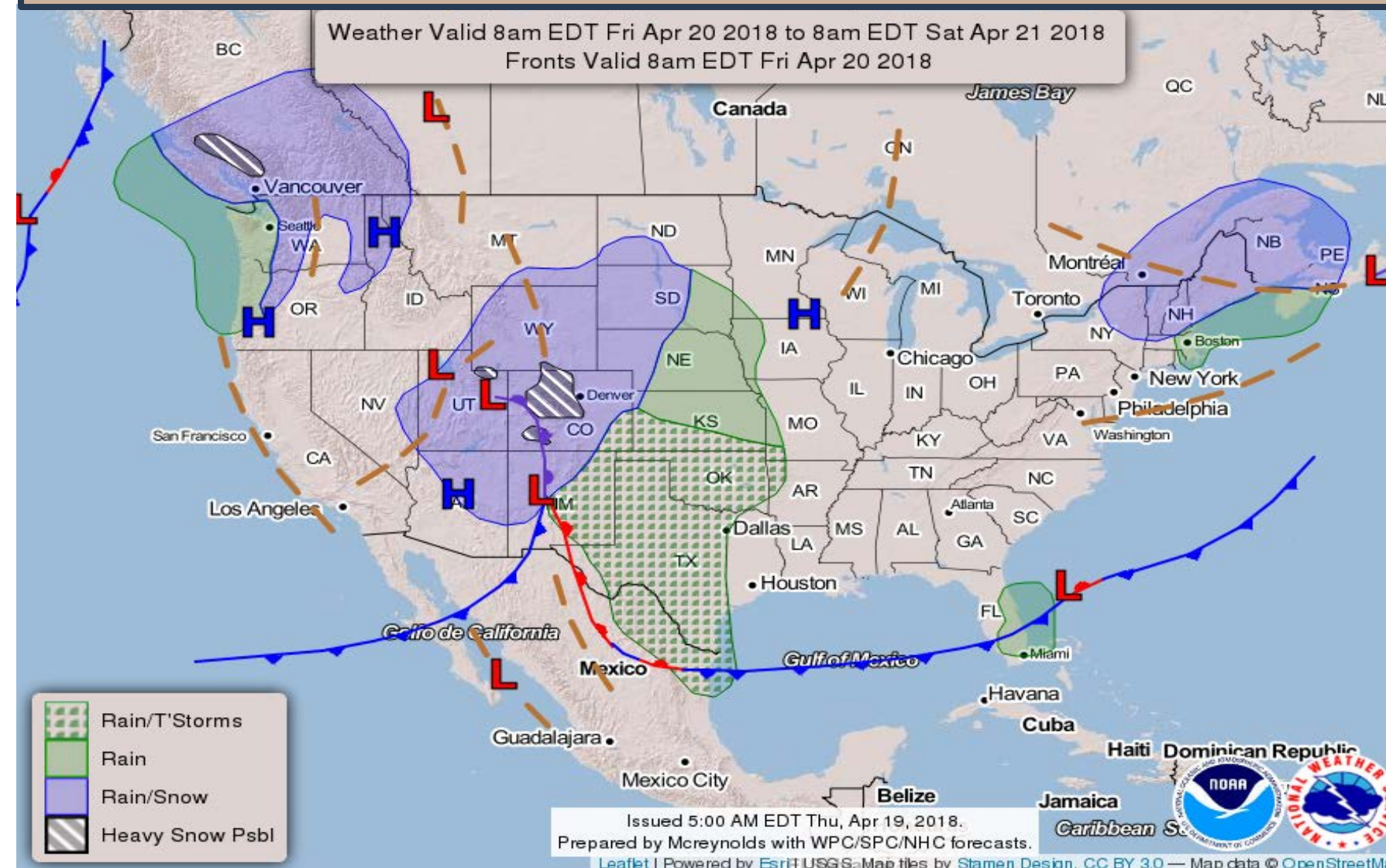
Elevated/critical fire weather conditions across E NM/W TX/OK Panhandle

Tomorrow's Weather

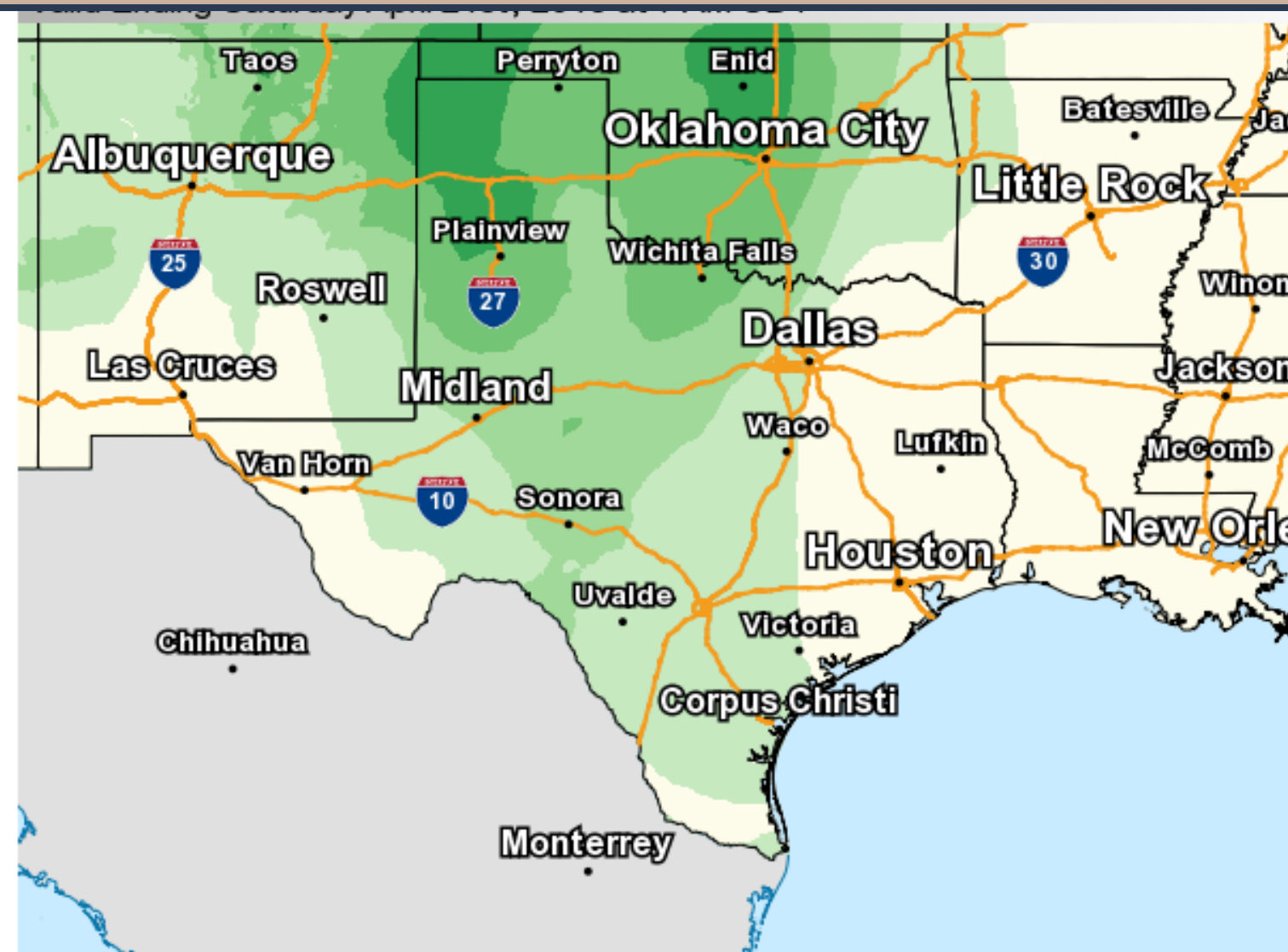
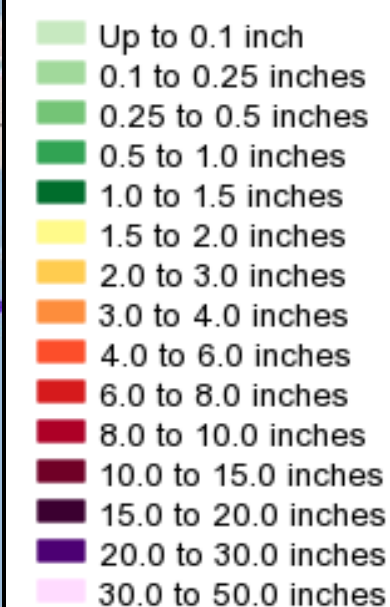


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Forecast Chart

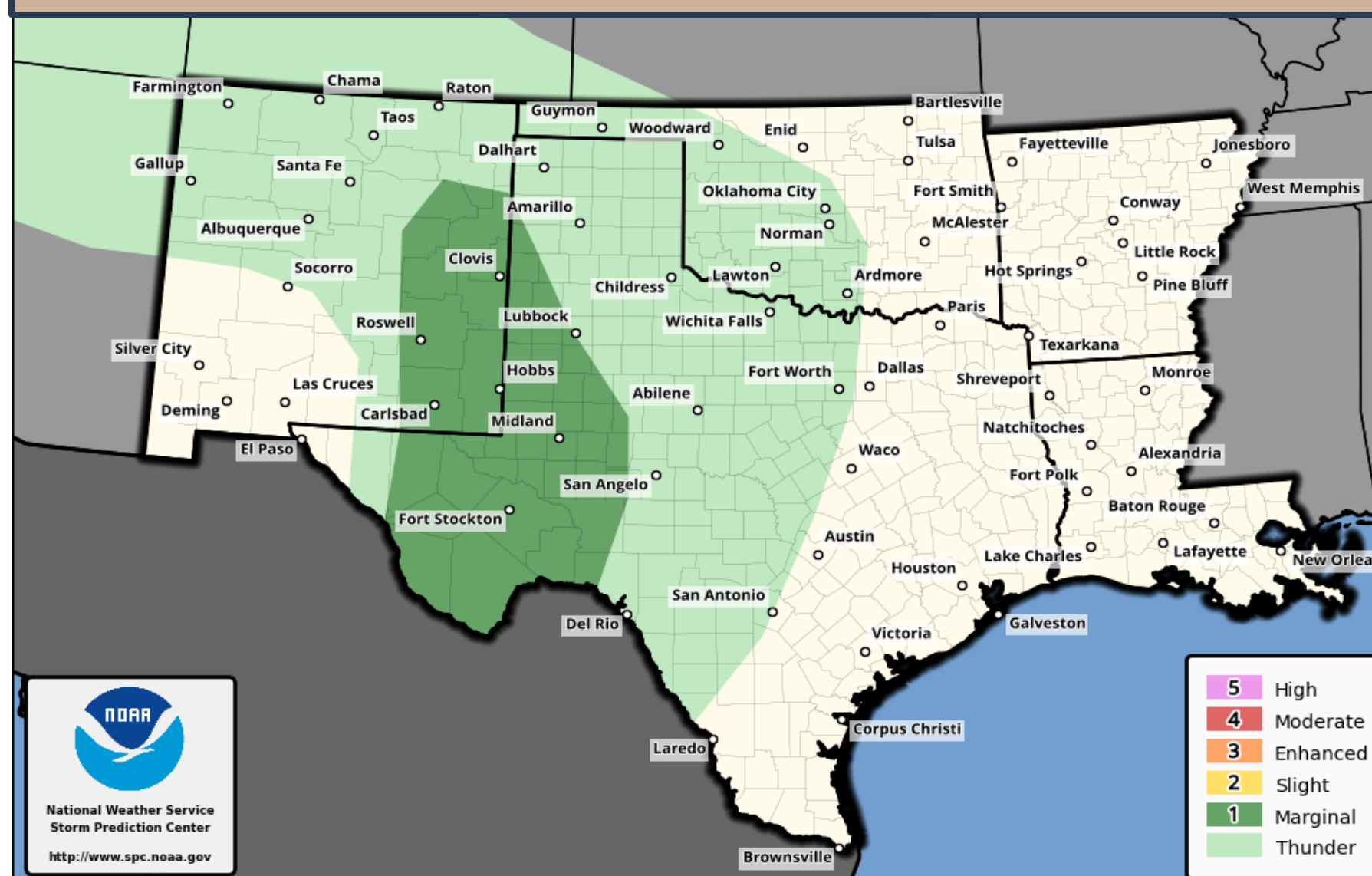


Forecast Rainfall



Graphic Created
April 19th, 2018
7:55 AM CDT

Severe Weather Outlook



Excessive Rainfall Outlook



Marginal risk area for severe
thunderstorms across SE NM
into W TX

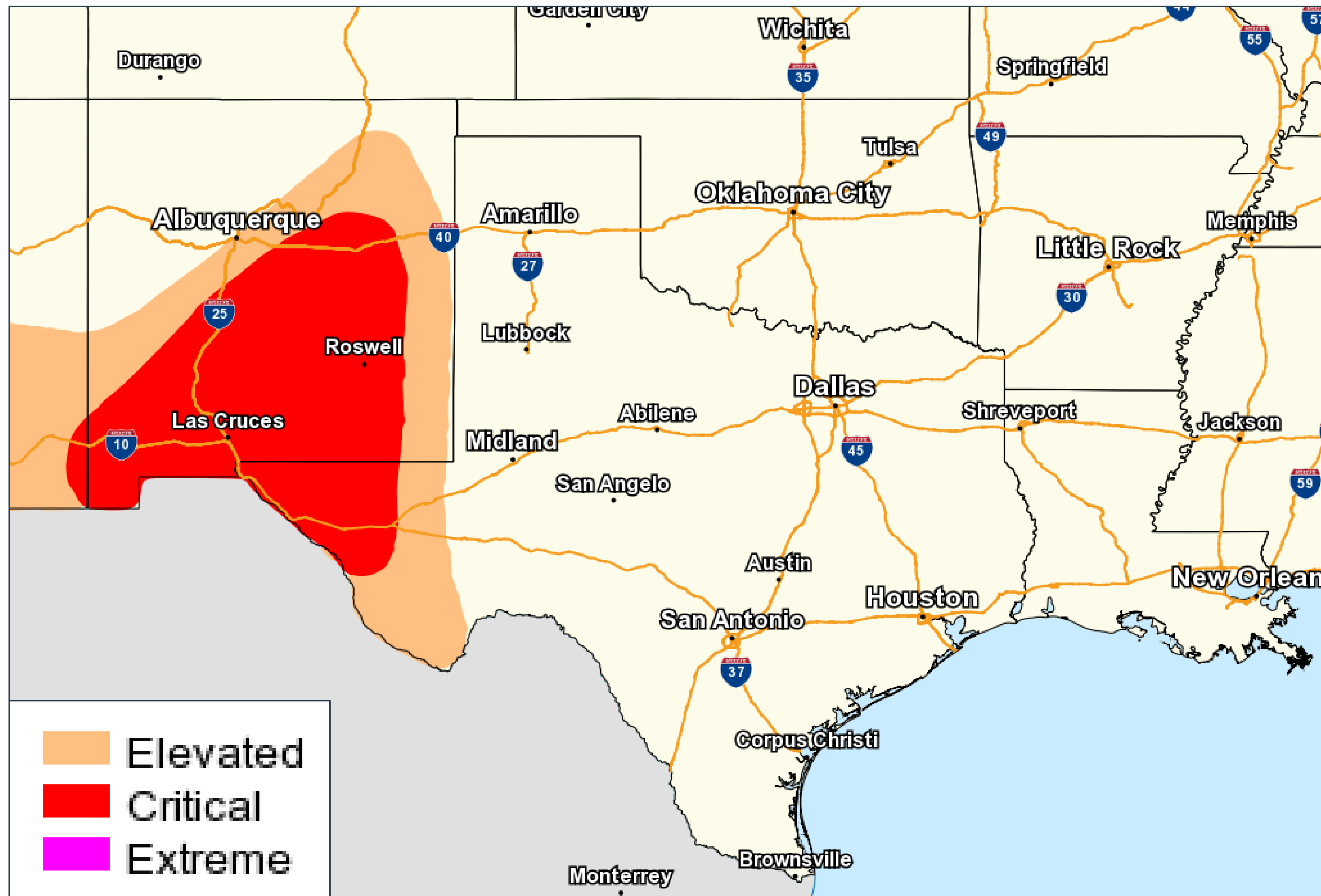
Critical fire weather
conditions across NM/W TX

Tomorrow's Fire Weather Outlook



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**Critical fire weather
conditions across NM/far W
TX**



Saturday's Weather

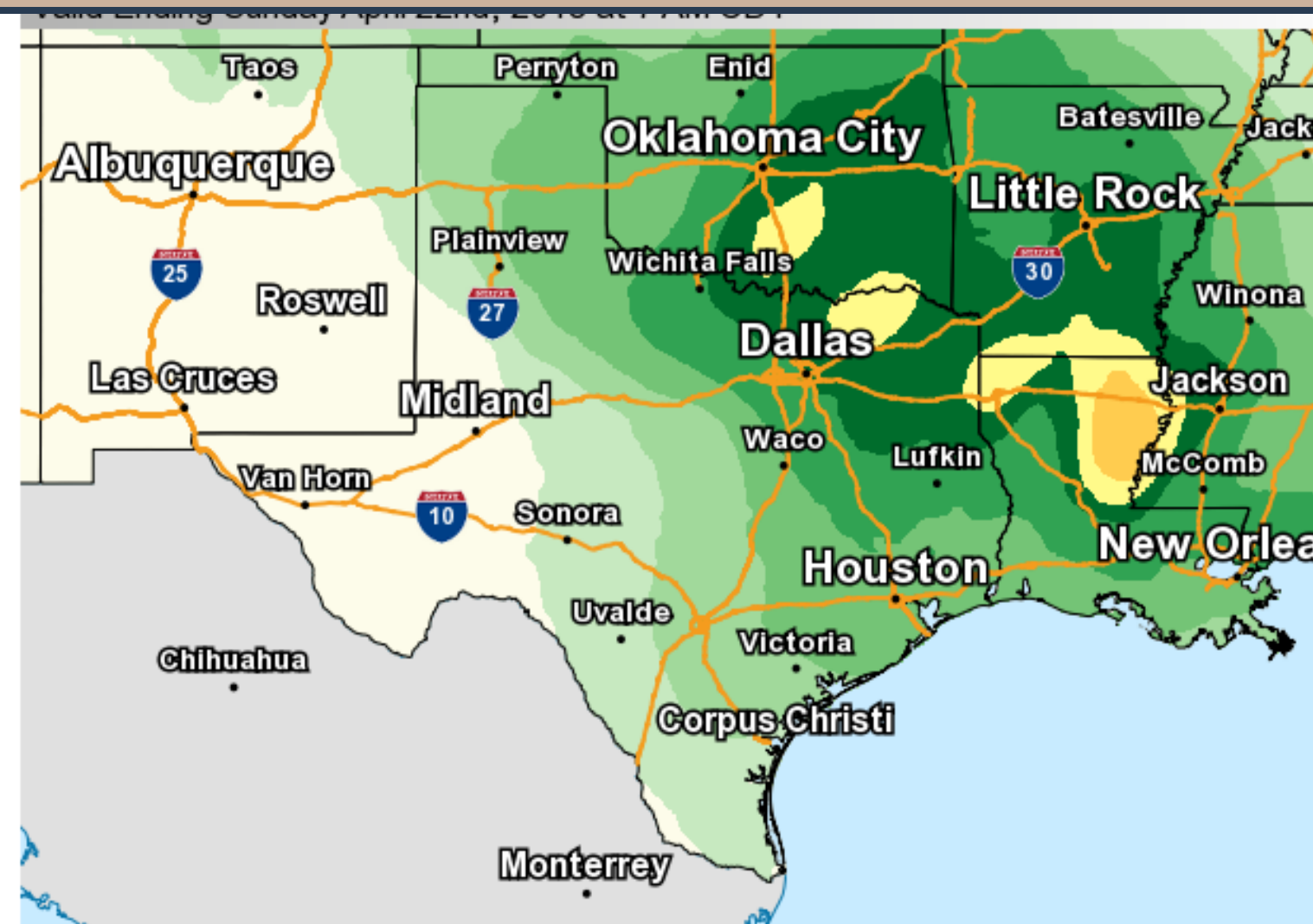
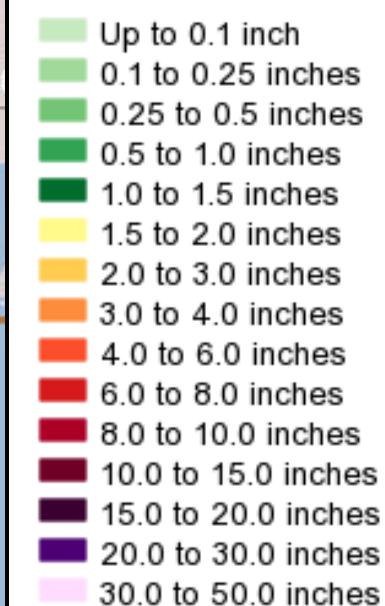
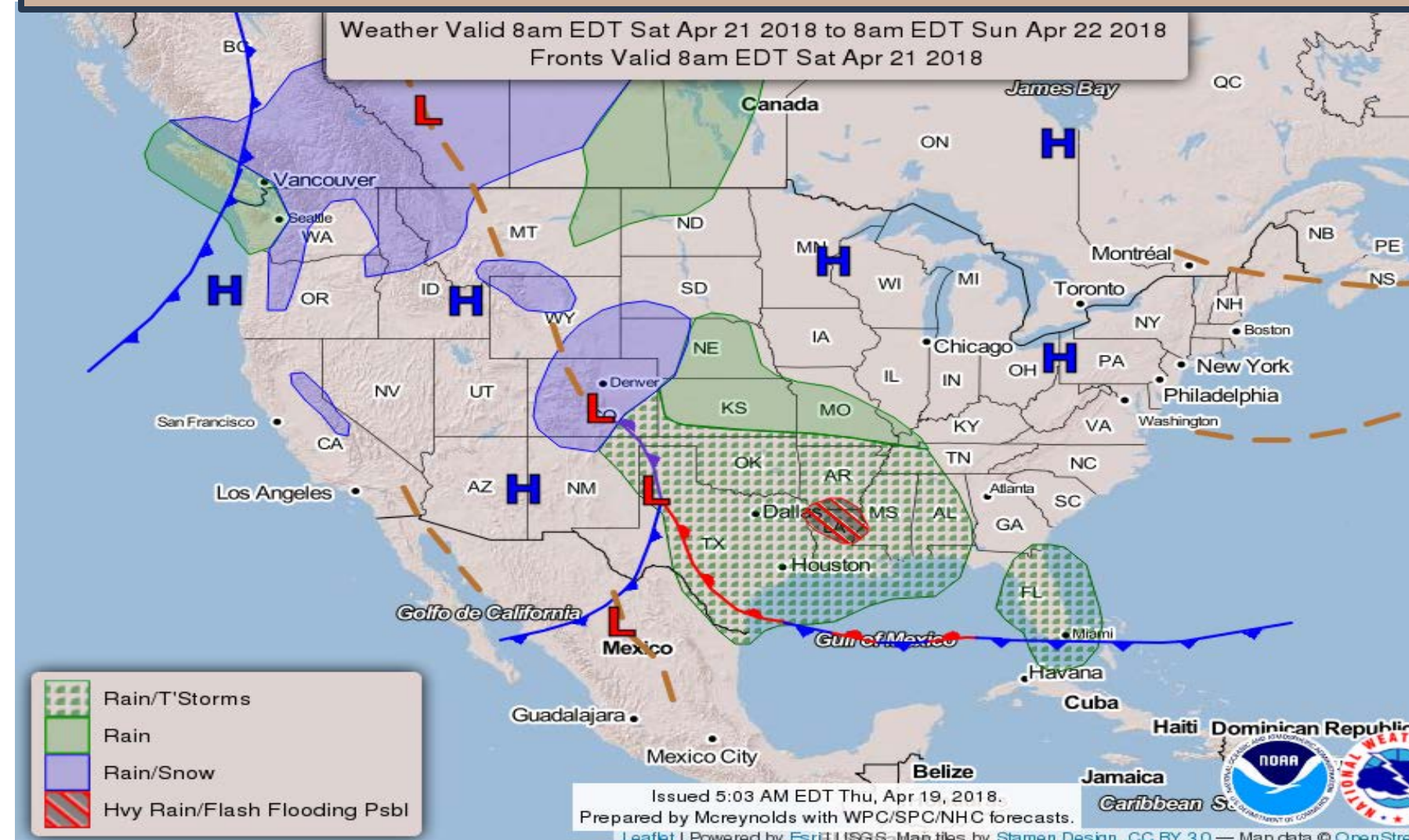


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Forecast Chart

Forecast Rainfall

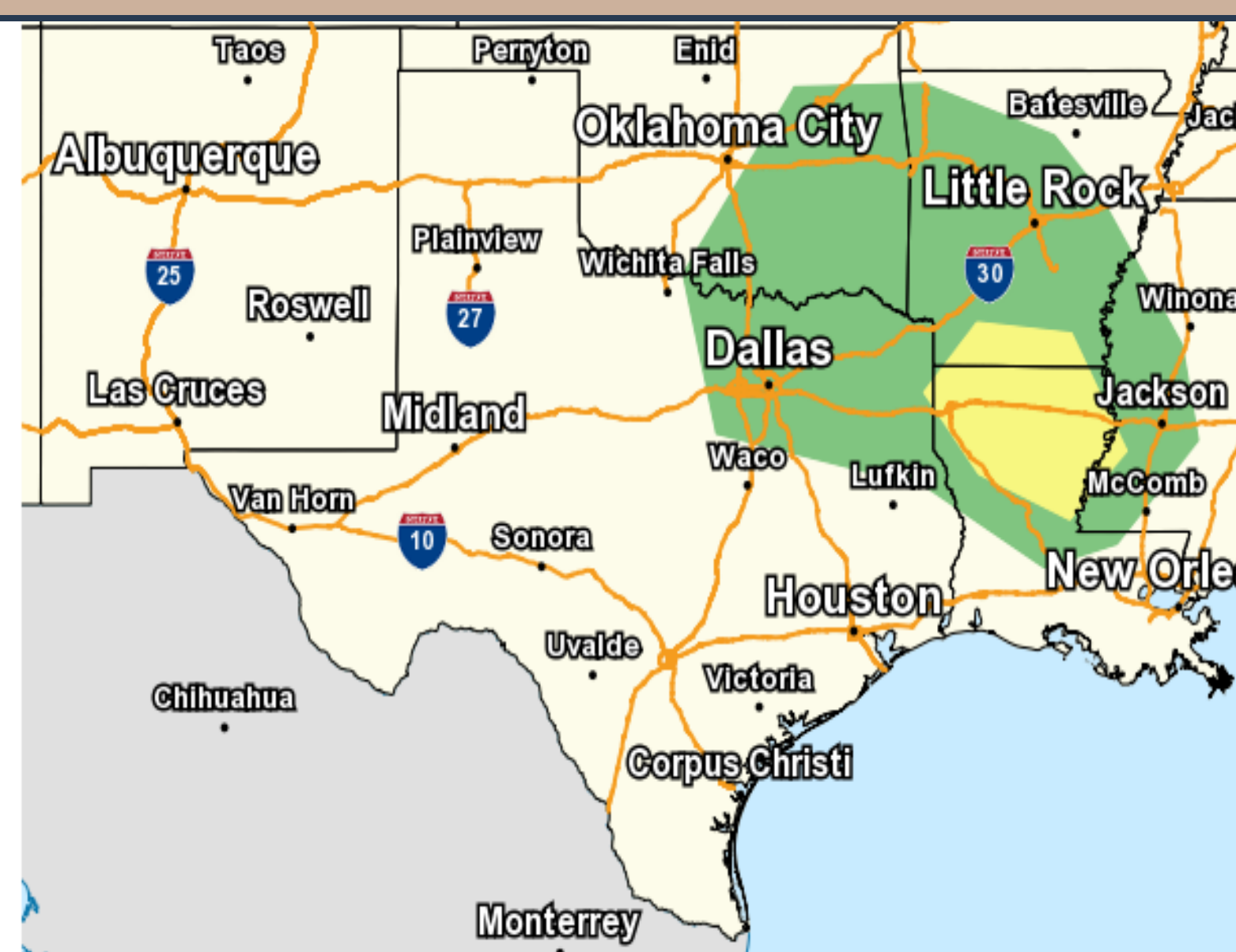
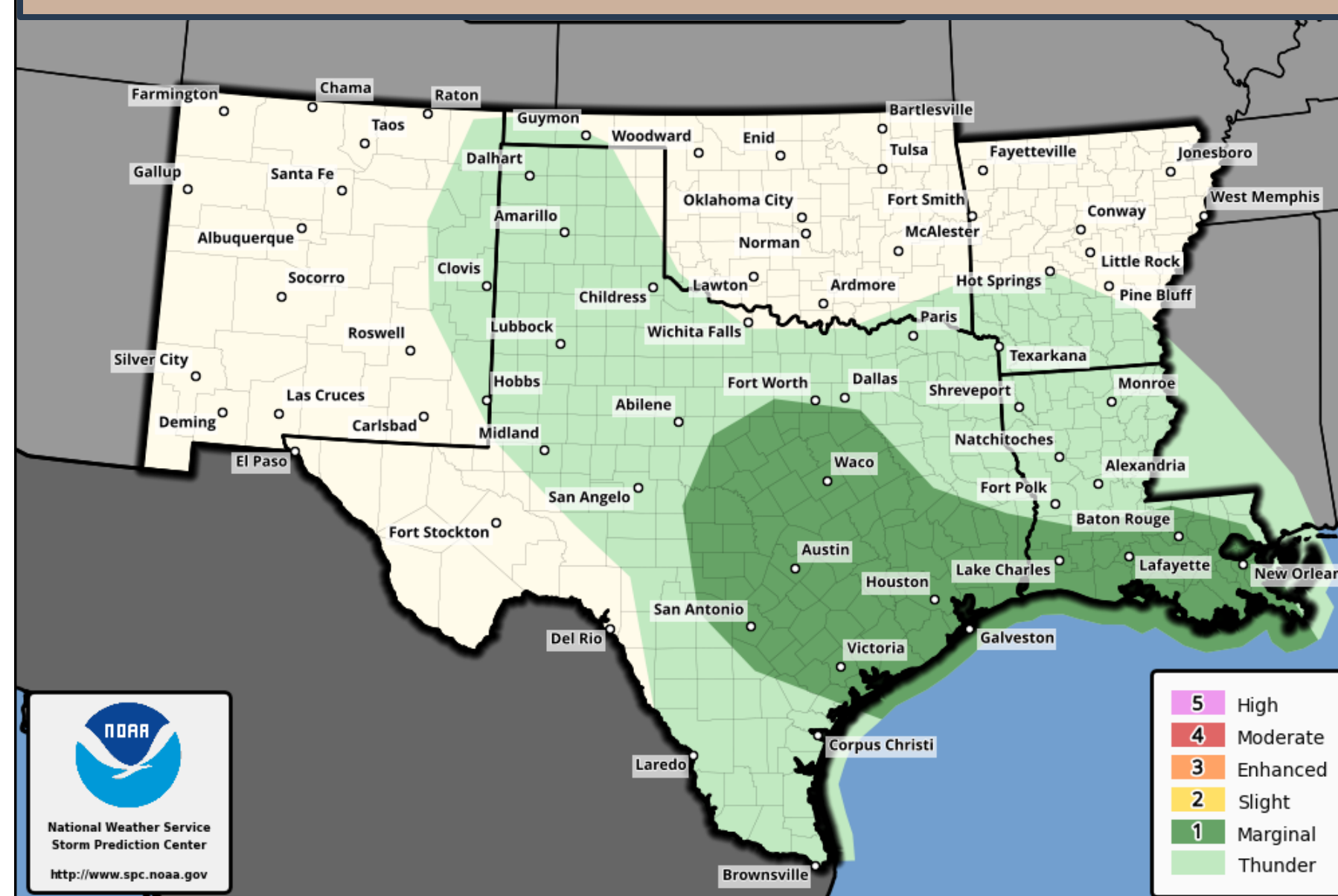
**Marginal risk area for
strong/severe
thunderstorms across SE
TX/S LA**



Graphic Created
April 19th, 2018

Severe Weather Outlook

Excessive Rainfall Outlook



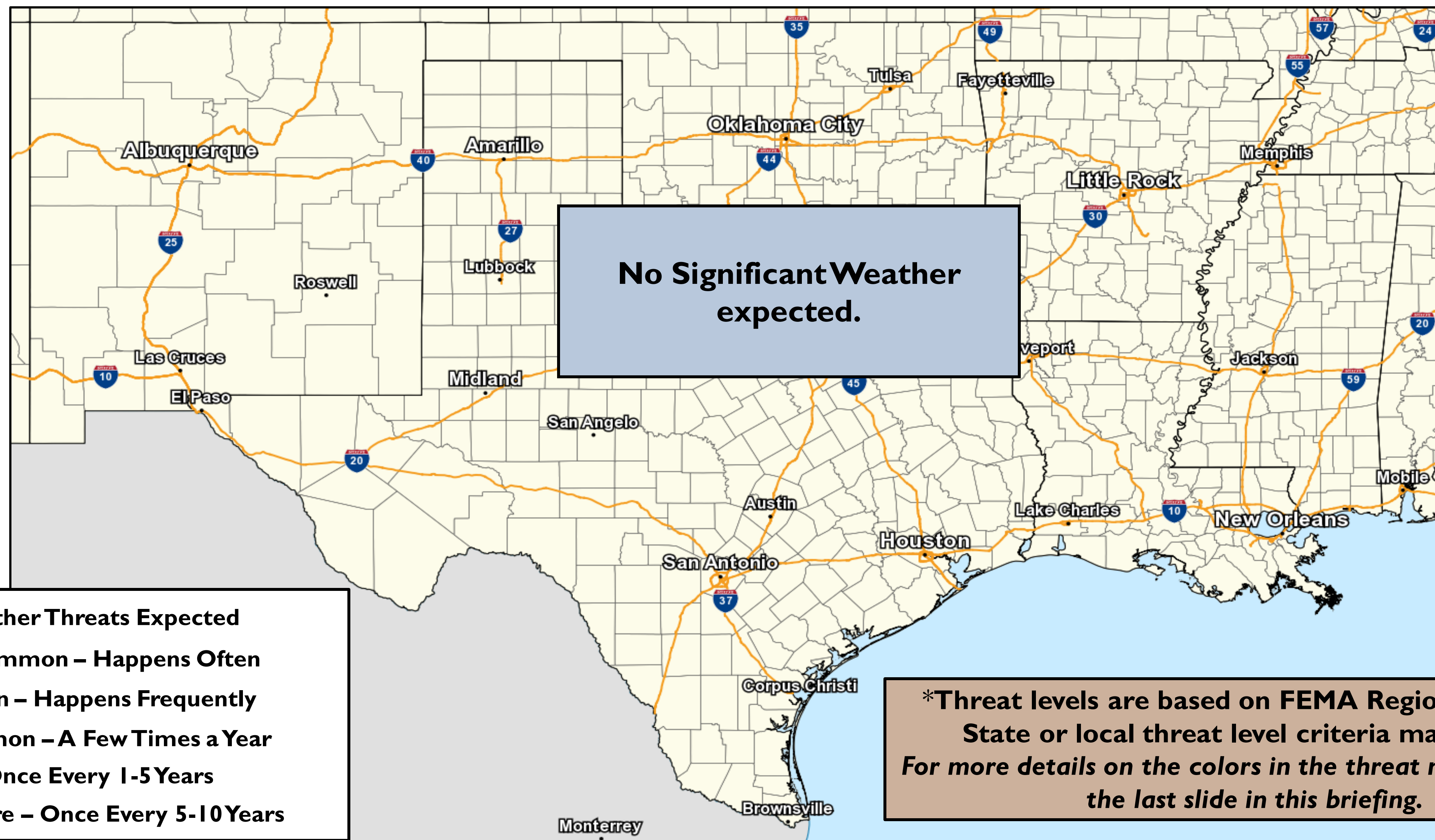
Graphic Created

Days 4-5 Weather Hazards

Sunday - Monday



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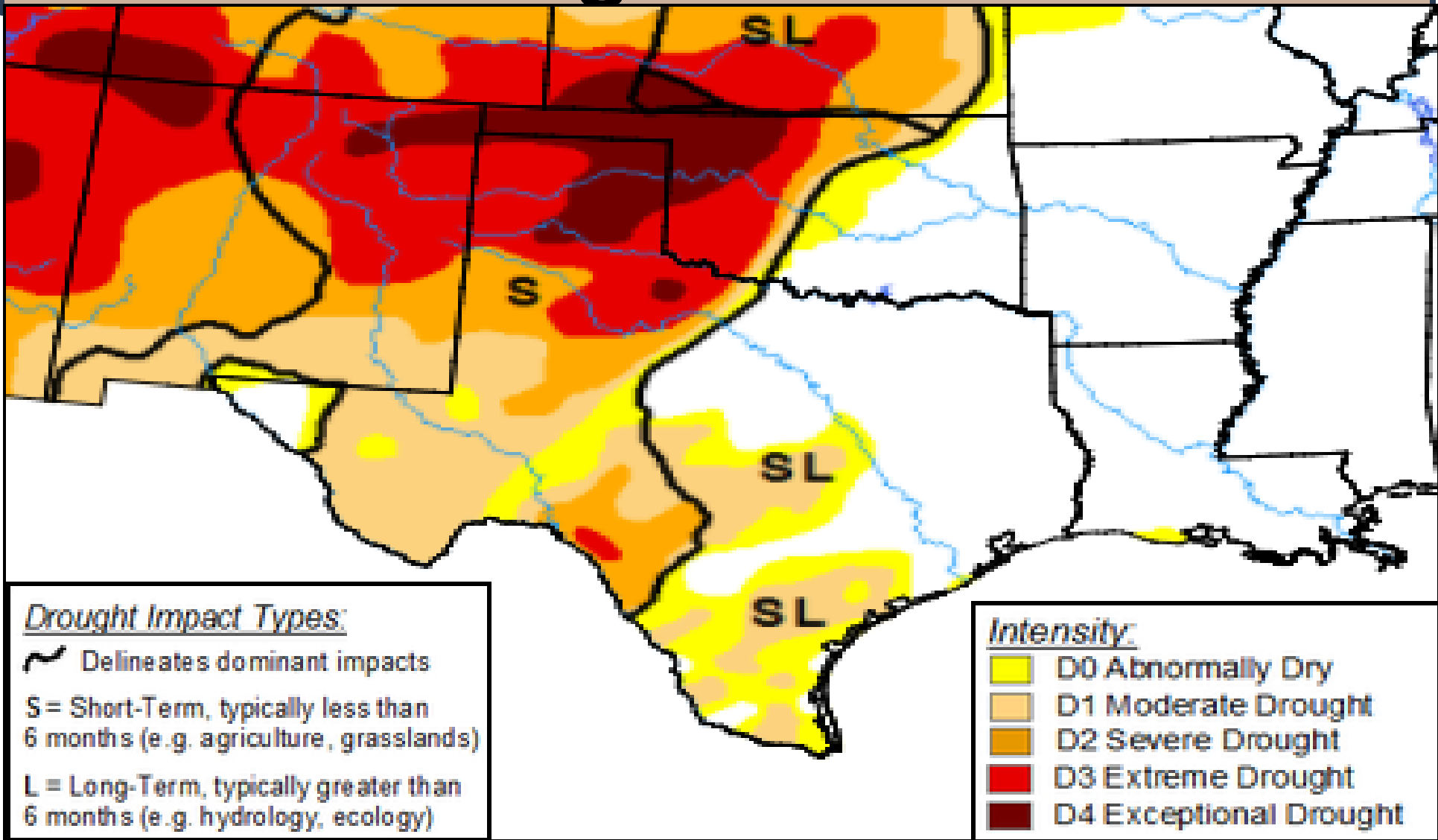
Drought Monitor (Released Apr 19th, 2018)



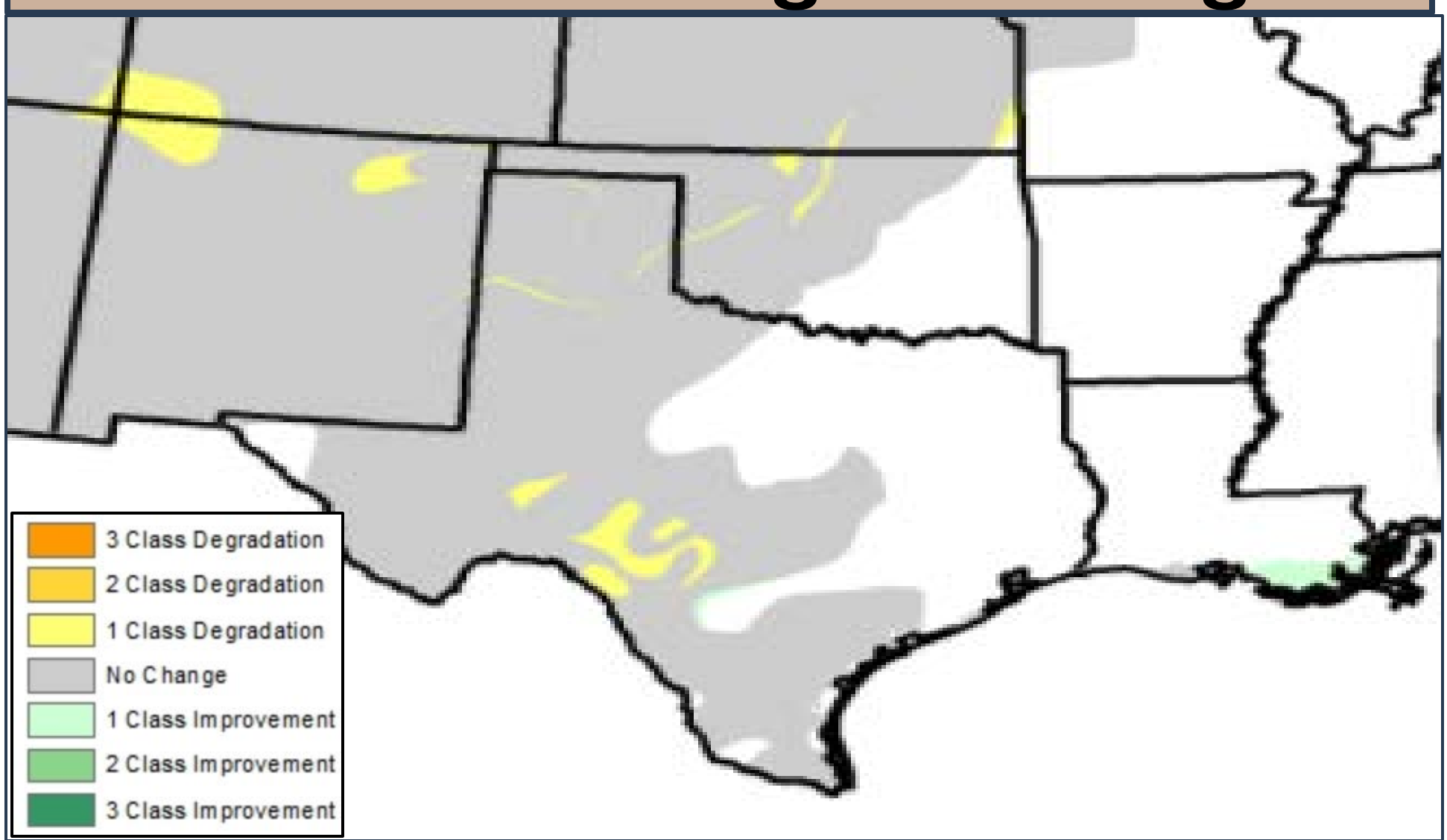
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Data valid as of 7am CDT, Tuesday, April 17th, 2018

Drought Monitor



One Week Change in Drought



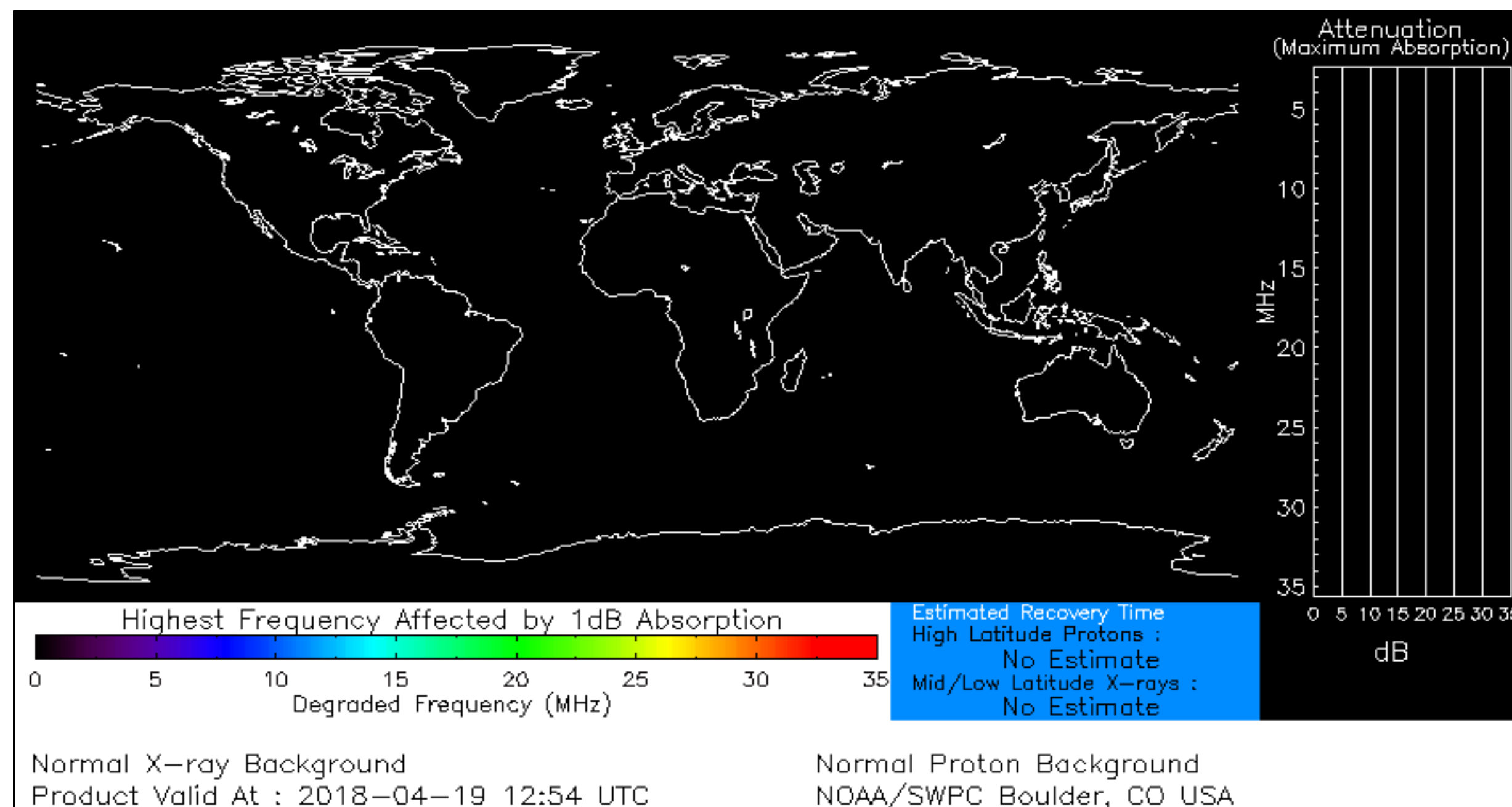
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	2.37%	2.37%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	35.54%	34.85%	12.10%	0.00%
Texas	13.70%	13.21%	2.01%	0.00%
New Mexico	45.97%	45.92%	0.00%	0.00%

Space Weather 3-Day Forecast



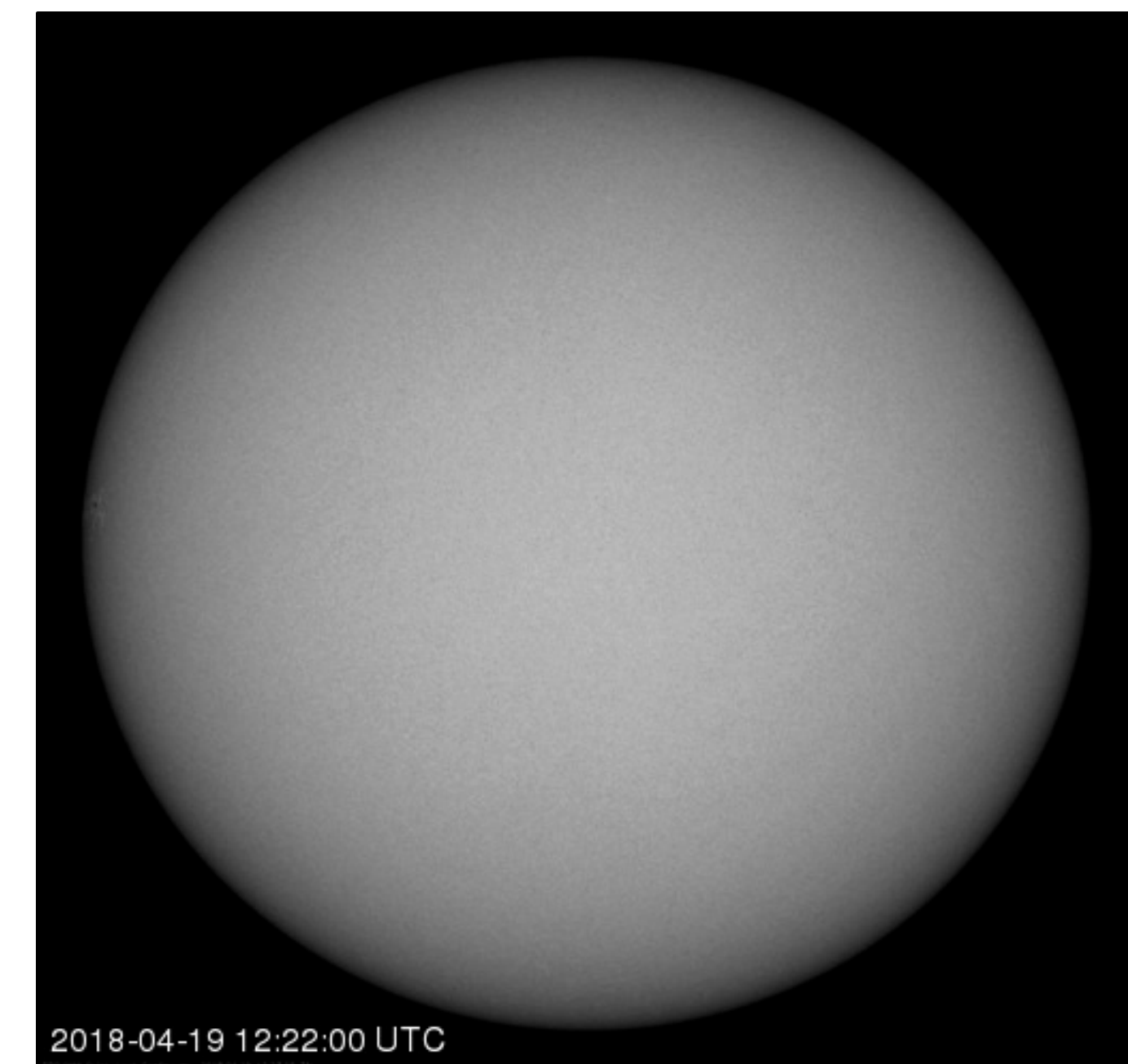
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





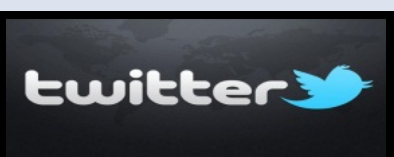
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov